Philips
LCD widescreen monitor

22" wide

21.6"w Display WSXGA+

220EW9FB

Ideal widescreen with best cost-performance value

This Vista-ready 220EW9 delivers the simple, straight forward and reliable widescreen display performance you need without costly extras that strain your budget and without compromising on quality.

Best Value for Money

- Widescreen LCD displays more content without scrolling
- 5ms fast response time
- WSXGA+, wide format 1680x1050 resolution for sharper display
- Empowered for Windows Vista
- Energy Star for energy efficiency and low power consumption
- Complies with RoHS standards to care for the environment

Great convenience

- Auto picture format control switching in wide and 4:3 format
- Screen tilts to your ideal, individualized viewing angle
- Embedded power supply eliminates external power adaptors
- sRGB ensures color matching between display and printouts
- Kensington anti-theft lock-ready for added security

PHILIPS
sense and simplicity

LCD widescreen monitor
22" wide 21.6"w Display WSXGA+

220EW9FB/93

Highlights

WideScreen Design
This wide screen design employs a wider aspect ratio to enable it to display more information.

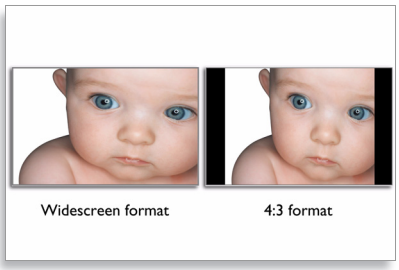
5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

WSXGA+, wide format 1680x1050
Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 million pixels.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

Energy Star
Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.

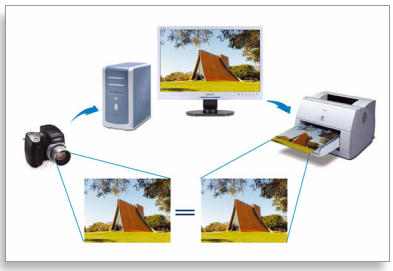
Compliant with RoHS standards
Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Auto picture format control


Philips auto picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

Adjustable tilt
Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

sRGB ready


sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

Kensington lock compatible
Small apertures built into the display's frame for use with a locking device that secures a display to a fixed object for added protection against theft.

Specifications

Picture/Display
- LCD panel type: 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 21.6" / 54.9 cm
- Effective viewing area: 464.9 x 290.6 mm
- Pixel pitch: 0.277 x 0.277 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- Maximum Resolution: 1680 x 1050 @ 60Hz
- Optimum Resolution: 1680 x 1050 @ 60Hz
- Video Dot Rate: 165 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- sRGB
- Aspect ratio: 16:10

Connectivity
- Signal Input: VGA (Analog)
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- User convenience: On-screen Display
- Monitor Controls: Auto (Back), Contrast (down), Brightness (Up), Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Regulatory Approvals: CCC, CE Mark, Energy Star, FCC Class B, UL/cUL
- Tilt: -4° to 20°
- VESA Mount: 100 x 100 mm

Dimensions
- Box dimensions (W x H x D): 562 x 480 x 139 mm
- Box dimensions in inch (W x H x D): 22.1 x 18.9 x 5.5 inch
- Set dimensions (W x H x D): 509.7 x 347 x 55 mm
- Set dimensions in inch (W x H x D): 20.1 x 13.7 x 2.2 inch
- Set dimensions with stand (W x H x D): 509.7 x 424 x 227 mm
- Set dimensions with stand in inch (W x H x D): 20.1 x 16.7 x 8.9 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 90%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 4.48 kg
- Product weight (+stand) (lb): 9.9 lb
- Weight incl. Packaging: 5.9 kg
- Weight incl. Packaging (lb): 13.0

Power
- Complies with: Energy Star
- Consumption (On mode): < 45 W (typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

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